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## PATENT ABSTRACTS OF JAPAN

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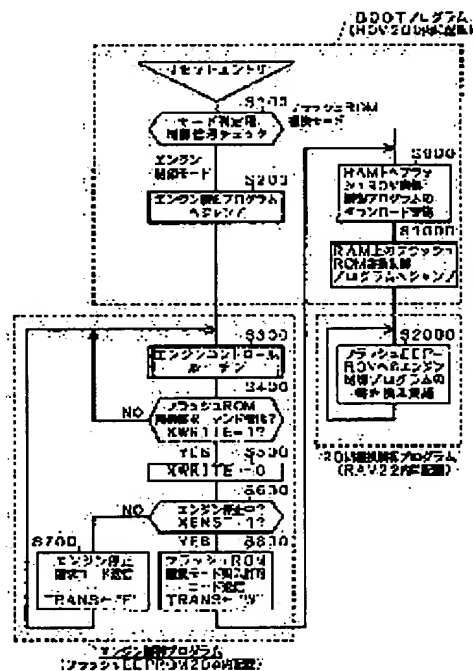
(72)Inventor : HAYASHI SHINNOSUKE  
SHIBATA HIROSHI

## (54) MACHINE CONTROLLER

## (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a machine controller which starts rewriting a program, etc., without causing an unexpected driving state even if a machine is in a driving state when the program, etc., is rewritten.

**SOLUTION:** When it is decided that an engine is rotating (S600), a request to stop the engine is sent to a memory rewriting machine (S700) and an engine control routine (S300) is not rewritten. When an operator stops the engine and the memory rewriting machine makes a request to rewrite again, a rewriting control program is received from the memory rewriting machine (S900) right after a step S800, and the program is executed (S1000 and S2000). Then a new engine control routine (S300) is started by resetting. Therefore, the engine is at a stop both when the program is rewritten and when it is restarted, so the mechanism of an automobile never enters an unexpected driving state even when control program data are altered.



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